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as		^{US-} 4445587	05-01-1984	Hillman		
71		^{US-} D461157	08-06-2002	Myers et al.		
		US- 6502658	01-07-2003	Nagashii		
	•	^{US-} 2003-0000755	01-02-2003	Schroeder		
		^{US-} 4366880	01-04-1983	Miller et al.		
		^{US-} 6332505	12-25-2001	Tateshima et al.		
$\neg \neg$		US- 6543523	04-08-2003	Hasumi		
		US- 4660624	04-28-1987	Yamaguchi		
		^{US-} 4876778	10-31-1989	Hagihara et al.		
		US- 4010812	03-08-1977	Bothwell		
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C(5)		JP 5-330470	12-14-1993		•				
W)		JP 2003-48588	2-18-2003						
2/5		JP 5-201375	08-10-1993						
CB		JP 2576872	05-01-1998						
9/		JP 62-11273	03-17-1987						
= 5		JP 61-122180	08-01-1986			1			

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93		www.benelli.com web page (1 sheet), May 16, 2001	
4		www.2wf.com web pages (2 sheets) , May 14, 2001.	
9		www.tornadobenelli.com web pages (12 sheets) , May 16, 2001	
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